



FORMERLY WILLOW RUN LABORATORIES, THE UNIVERSITY OF MICHIGAN

P. O. BOX 618 • ANN ARBOR • MICHIGAN • 48107

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PHONE (313) 483-0500

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A Skylab Program for the
International Hydrological Decade (IHD)

Quarterly Report for Period June 1973 - August 1973

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NASA Contract NAS9-13275

Prepared by

Thomas W. Wagner - Co-investigator

NASA Technical Monitor

Mr. Timothy White/TF6
National Aeronautics and Space Administration
Johnson Space Center
Principal Investigator Management Office
Houston, Texas 77058

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International Hydrological Decade (IHD)

Quarterly Report for Period June 1973 - August 1973

This report covers progress during the second quarter (June 1973 - August 1973) of Contract NAS9-13275, "A Skylab Program for the International Hydrological Decade (IHD)", EREP No. 427. This international cooperative effort is being headed by Mr. F. C. Polcyn, under the general direction of Mr. R. R. Legault, of the Environmental Research Institute of Michigan. Co-investigators include researchers from the University of Guelph and the Ontario Ministry of the Environment.

PROGRESS

Generally a low level of effort occurred during this reporting period owing to the cancellation of two attempts to obtain Skylab data over the Lake Ontario Basin test site. Cloudy weather conditions over the Basin in early June resulted in no SL2 EREP data collection for this project, and extremely hazy conditions in early August caused cancellation of data collection during the early SL3 mission. The next, and last, opportunity for EREP data collection occurs in early September.

Most of the activity during this period consisted of planning for supporting aircraft and ground truth observations in anticipation of Skylab data collection. The different tracks of Skylab over the Basin on subsequent passes required selection and reselection of representative areas to be studied in the event of successful EREP data collection. Unfortunately no EREP data was obtained and efforts to insure simultaneous supporting aircraft and ground observations were for naught. In any event, researchers at ERIM and the University of Guelph remain in readiness for the Skylab pass over the western and northern portion of the Basin in early September.

SPECIAL PROBLEMS

None

SIGNIFICANT RESULTS

None

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PUBLICATIONS

None

Respectfully submitted,

Fabian C. Polcyn
Fabian C. Polcyn
Principal Investigator

Approved by:

Paul R. Legault
Richard R. Legault
Director Infrared and Optics
Division

FCP:RRL:njm